

# Vuba-Coat Chemicoat



## Product



## Application

### Product Description

Vuba-Coat Chemicoat is highly chemical resistant, high solids, two-component, polyurethane UV stable floor coating. Vuba-Coat Chemicoat has been designed to provide excellent chemical performance combined with excellent resistance to UV light and external weathering. Vuba-Coat Chemicoat is used in pharmaceutical and chemical environments, as well as locations subject to UV deterioration.

### Composition

Pigmented, two-component aliphatic polyurethane resin system carried in a limited quantity of organic solvent.

### Appearance

Coloured, smooth silk finish.

### Durability

Excellent long-term resistances to natural weathering, abrasion from pedestrian or light wheeled traffic and contact with mild inorganic acids, alkalis or fuel oils.

### Thickness

Dependent upon porosity and profile of underlying aggregate. Typical dry film builds are between 120 and 170 microns.

### Typical Installations

As a final seal coat over colour sensitive coatings in the Vuba-Coat range and anti slip floor paints.

### Substrates

Adheres to concrete, grano and metal.

### Surface Preparation

To ensure maximum adhesion and performance from Vuba products the correct preparation methods must be adhered to. Please see our 'Vuba-Coat Preparation Data Sheet' for more information.

### Application Conditions

Vuba-Coat Chemicoat is a viscous paint and although it will apply and cure above 5°C, an ambient temperature in excess of 10°C is preferable. Low temperatures will cause greatly extended curing periods.

### Mixing

Pour and fully drain the contents of the clear brown hardener component into the pigmented resin component and mix thoroughly for a minimum of three minutes or until a homogeneous mix is obtained paying special attention to scrape the sides and base of container.

### Application Technique

Pour into a paint tray or directly on to the floor surface from the container and roll out using a medium pile nylon roller. Push the resin well in to the surface making sure the floor is fully wetted and pull back lightly with the roller to the requested thickness. Use coverage rates below as a guide to thickness.

### Coverage Rate (0.5mm)

30m<sup>2</sup> per 5 litre

### Specification Detail

One coat of Vuba-Coat Chemicoat at the spreading rate as described above. Prior specification depends upon the system specified. Contact our technical department for more information.

### Colours

Available in the full range of Vuba-Coat colours. Standard colours in clued mid grey, dark grey, light green and blue. Special colours such as white and black are available upon request.

### Maintenance

Provided contamination is not allowed to build up, regular scrubbing or mopping with normal proprietary cleaning agents will maintain this

system in serviceable condition. Damaged areas of this system should be patch-repaired/ replaced in order to ensure longevity of the work area is maintained. Clean using Degreaserator.

### Cure Schedule (Assumed 20°C)

Pot life of full unit	90 mins – 2 hrs
Hard dry time	4 – 6 hrs
@ 160 micron	
Resistant to foot traffic	16 – 24 hrs

For lower temperatures the times will be extended, and equally shortened for higher temperatures.

### Chemical Resistance

Vuba-Coat Chemicoat provides a good standard of resistance to dilute acids, alkalis, lubricating and fuel oils and some organic solvents. It should be noted, however, that Vuba-Coat Chemicoat is only a thin film coating and, once physical damage has broken through this film, the overall chemical resistance will depend upon the underlying system build-up.

### Technical Data

Taber abrasion loss – CS17/1000 cycles (1000g dry)	5-7mg
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### Technical Advice

For further information on this or any other Vuba Supplies product, please contact product purchases on 01482 778897.

### Health and Safety

Please read Vuba-Coat Chemicoat Resin A and Vuba-Coat Chemicoat Activator B Material Safety Data Sheets provided in compliance with the requirements of EC Directive 91/155.